IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (previously canceled).

Claim 2 (amended): A method comprising:

employing a [unique] temporal spreading code sequence [of binary spreading codes for a block of bits] for spreading at least one bit of information;

said [unique] temporal sequence being [generated at least in part by a sequence randomizer and being] selected from a set of sequences.

Claim 3 (amended): The method of claim 2, wherein said spreading is carried out [unique sequence is employed] by a receiver.

Claim 4 (previously added): The method of claim 3, wherein said receiver is part of a communication network.

Claim 5 (amended): The method of claim 2, wherein said spreading is carried out [unique sequence is employed] by a transmitter.

Claim 6 (previously added): The method of claim 5, wherein said transmitter is part of a communication network.

Claim 7 (amended): The method of claim 2, wherein a collection of [said block of] bits of information including said at least one bit of information corresponds to a symbol.

Claim 8 (previously amended): The method of claim 7, wherein said symbol is represented using quadrature modulation.

Claim 9 (previously amended): The method of claim 8, wherein said quadrature modulation comprises phase-shift keyed modulation.

Claim 10 (amended): The method of claim 2, wherein said [unique] temporal sequence comprises a composite sequence.

Claim 11 (amended): An apparatus comprising: a unit;

said unit being adapted to employ a [unique] <u>temporal code spreading</u> sequence <u>for spreading at least one bit of information</u> [of binary spreading codes for a block of bits]; said [unique] <u>temporal</u> sequence being [generated at least in part by a sequence randomizer and being] selected from a set of sequences.

Claim 12 (previously added): The apparatus of claim 11, wherein said unit is included in a receiver.

Claim 13 (previously added): The apparatus of claim 12, wherein said receiver is part of a communication network.

Claim 14 (previously added): The apparatus of claim 11, wherein said unit is included in a transmitter.

Claim 15 (previously added): The apparatus of claim 14, wherein said transmitter is part of a communication network.

Claim 16 (amended): The apparatus of claim 11, wherein [said block of] <u>a collection of</u> bits <u>of information including said at least one bit of information</u> corresponds to a symbol.

Claim 17 (previously amended): The apparatus of claim 16, wherein said unit is adapted to represent said symbol using quadrature modulation.

Claim 18 (previously amended): The apparatus of claim 17, wherein said quadrature modulation comprises phase-shift keyed modulation.

Claim 19 (amended): The apparatus of claim 11, wherein said [unique] <u>temporal</u> sequence comprises a composite sequence.

Claim 20 (amended): An apparatus comprising: a first unit and a second unit;

at least one of said units comprising means to generate a [unique] <u>temporal</u> sequence of binary spreading codes[for a block of bits].

Claim 21 (previously added): The apparatus of claim 20, wherein said units are included in a receiver.

Claim 22 (previously added): The apparatus of claim 21, wherein said receiver is part of a communication network.

Claim 23 (previously added): The apparatus of claim 20, wherein said units are included in a transmitter.

Claim 24 (previously added): The apparatus of claim 23, wherein said transmitter is part of a communication network.

Claim 25 (amended): The apparatus of claim 20, wherein a collection of bits [said block of bits] corresponds to a symbol.

Claim 26 (previously amended): The apparatus of claim 25, wherein at least one of said units comprises means to represent said symbol using qudarature modulation.

Claim 27 (previously amended): The apparatus of claim 26, wherein said quadrature modulation comprises phase-shift keyed modulation.

Claim 28 (amended): The apparatus of claim 20, wherein said [unique] temporal sequence comprises a composite sequence.

Claim 29 (amended): A set of signals comprising: communication signals having been generated by a method comprising:

employing a [unique] temporal spreading code sequence [of binary spreading codes for a block of bits];

said [unique] temporal sequence being [generated at least in part by a sequence randomizer and being]selected from a set of sequences.

Claim 30 (previously added): The set of signals of claim 29, wherein said communication signals are received by a receiver.

Claim 31 (previously added): The set of signals of claim 30, wherein said receiver is part of a communication network.

Claim 32 (previously added): The set of signals of claim 29, wherein said communication signals are transmitted by a transmitter.

Claim 33 (previously added): The set of signals of claim 32, wherein said transmitter is part of a communication network.

Claim 34 (amended): The set of signals of claim 29, wherein [the block of] a collection of bits corresponds to a symbol.

Claim 35 (previously amended): The set of signals of claim 34, wherein said symbol is represented using quadrature modulation.

Claim 36 (previously amended): The set of signals of claim 35, wherein said quadrature modulation comprises phase-shift keyed modulation.

Claim 37 (amended): The set of signals of claim 29, wherein said [unique] temporal sequence comprises a composite sequence.

Claim 38 (new): The method of claim 2, wherein different spreading code temporal sequences are used for multiple simultaneous transmissions employing the same carrier frequency.

Claim 39 (new): The method of claim 2, wherein said temporal sequence comprises a unique sequence.